

- 1 -
1-2516082

piece 1, NC_000913, yfeA_alaX+, config: linear, direction: +, begin: 2515825, end: 2516082

...] NC_000913.yfeA



p35 4.6 bit

... p10

{-----} p35-(23)-p10 2515905 Gap 1.4 b

|-----| p35-p10 2515905 total 5.8 bits

5' t a t t c g c a t c g c g a a g c a a a a c a g g g g g c a g e c t g t t g c c g a t t t t c a t c c a a t t g a t g c t t t c a c c a g g g g g a c t a a c c 3'

-ile - arg - ile - ala - lys - gln - thr - gly - gln - pro - val - ala - asp - phe - ser - ser - asp - ala - phe - thr - arg - arg - his - -

-fMet - pro - ile - phe - his - pro - met - met - leu - ser - pro - gly - gly - thr - asn - pro -

[###> orf 44 codons

The diagram shows the secondary structure of a tRNA gene. The top part displays the mature tRNA sequence with codons and anticodons color-coded by nucleotide (A=green, T=red, C=blue, G=yellow). The bottom part shows the precursor structure with additional sequences and restriction sites (BpuMI, HinfI, KpnI, PstI, SmaI) indicated by red dots. Amino acid translations are provided for both the mature and precursor forms.